

# SAFETY DATA SHEET

## 1. Identification of the substance/mixture and of the company

### 1.1 Product identifier

**Product Name: AirRepair®  
Plastic Primer  
Part Number PW-1**

**Product ID numbers:** PW-1

Contained in AirRepair Kits: AR-KIT-1, AR-KIT11, AR-KIT14, AR-KIT14F, AR-KIT97P, AR-KIT99, AR-KITG

### 1.2 Relevant identified uses of the mixture and uses advised against

**Identified uses:** Plastic adhesion promotion

**List of advices against:** Not applicable.

### 1.3 Details of the supplier of the safety data sheet

**Supplier/Manufacturer:**

**American Polywater Corporation**

11222 - 60th Street North

Stillwater, MN 55082

USA

Tel: 1-651-430-2270

Email: sds@polywater.com

### 1.4 Emergency telephone numbers

INFOTRAC: 1-800-535-5053 (USA) 1-352-323-3500 (INT'L)

## 2. Hazards Identification

### 2.1 Classification of the substance or mixture

**Classification according to USA OSHA 29 CFR 1910.1200 (2012) and Canada HPR (SOR/2015-17; WHMIS 2015).**

Flam Liq 2 H225

Skin Irrit. 2 H315

Skin Sens 1 H317

Eye Irrit 2 H320

Acute Tox 4 H332

STOT SE 3 H336

### 2.2 Label elements

**Contains:**

Low boiling point naphtha, Cyclohexane, Styrene-butadiene polymer (5-15), Limonene polymer (7-13)



**Pictograms:**

**Signal word:**

Danger

**Hazard Statements:**

H225 Extremely flammable liquid and vapor.

H315 + H320 Causes skin and eye irritation.

H317 May cause allergic skin reaction.

- H332 Harmful if inhaled.
- H336 May cause drowsiness or dizziness.

**Precautionary Statements:**

- P210 Keep away from sparks, flames and hot surfaces. No smoking.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing vapor.
- P264 Wash hands thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves and eye protection.
- P303 + P361 + P353 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.
- P333 + P313 If skin irritation or rash occurs: get medical attention.
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P312 Call a doctor if you feel unwell.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 If eye irritation persists: Get medical attention.
- P362 + P364 Take off contaminated clothing and wash it before reuse.
- P370 + P378 In case of fire: Use water fog, foam, dry chemical or carbon dioxide for extinction.
- P403 + P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container according to local regulations.

**Notes:** Aspiration classification not applied due to the physical form of the product.

**2.3 Other hazards:** No information available.

**3. Composition/Information on Ingredients**

<u>Component</u>	<u>CAS #</u>	<u>Wt. %</u>
Low boiling point naphtha	64742-49-0	75 - 90%
Cyclohexane	110-82-7	5 – 10%
Styrene-butadiene polymer (5-15)	9003-55-8	< 3%
Limonene polymer (7-13)	9003-73-0	< 3%

**4. First Aid Measures**

**4.1 Description of first aid measures**

- Eye Contact:** If eye irritation from exposure to vapors develops, move to fresh air. Flush eyes with clean water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek medical attention. For direct eye contact, flush with large quantity of water for 15 minutes. Seek medical attention.
- Skin Contact:** Remove contaminated clothing; flush skin thoroughly with water. If irritation occurs, seek medical attention.
- Inhalation (Breathing):** If irritation of nose or throat develops, move to fresh air. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If irritation persists, seek medical attention.
- Ingestion (Swallowing):** Do not induce vomiting or give anything by mouth unless directed to do so by medical personnel. Get medical attention if symptoms appear.

**4.2 Most important symptoms and effects, both acute and delayed**

Refer to Section 11 for more information.

**4.3 Indication of immediate medical attention and special treatment needed.**

No information available.

**5. Firefighting Measures**

**5.1 Extinguishing media:**

Carbon dioxide, water fog, dry chemical or foam.

**5.2 Special hazards arising from the substance or mixture**

**Hazardous decomposition and by-products:**

Burning generates carbon monoxide, carbon dioxide.

**5.3 Advice for firefighters**

Wear appropriate, protective clothing, including self-contained, positive pressure or pressure-demand breathing apparatus. Use water spray to cool fire exposed containers.

**6. Accidental Release Measures**

**6.1 Personal precautions, protective equipment and emergency procedures:**

Keep away from heat/sparks/open flames/hot surfaces. No smoking. For a spill in a confined space, provide mechanical ventilation to disperse or exhaust vapors. For emergency responders: use respiratory protection: half-face or full-face respirator with filter(s) for organic vapor for spills in a confined space. Chemical goggles are recommended if splashes or contact with eyes is possible. For small spills: normal antistatic work clothes are usually adequate.

**6.2 Environmental precautions:**

Avoid release to the environment.

**6.3 Methods materials for containment and cleaning up:**

Collect towel and absorb any excess material with sand or absorbents.

**6.4 Reference to other sections:**

Refer to Sections 4, 5, 8, and 13 for more information.

**7. Handling and Storage**

**7.1 Precautions for safe handling**

Keep away from heat/sparks/open flames/hot surfaces. Take precautionary measures against static discharge. No smoking. Avoid breathing vapors or spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use only outdoors or in a well-ventilated area. For industrial or professional use only.

**7.2 Conditions for safe storage, including incompatibilities**

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store away from acids and oxidizing agents.

**7.3 Specific end uses**

See technical data sheet on this product for further information.

**8. Exposure Controls / Personal Protection**

Component Name	Limit	Standard	Source/Note
Low boiling point naphtha	200 ppm	ACGIH TWA	USA
Low boiling point naphtha	500 ppm	NIOSH TWA	USA
Low boiling point naphtha (C7-C8 alkanes)	1500 mg/m <sup>3</sup>	OEL, total hydrocarbons	Ontario, Canada
Cyclohexane	100 ppm	ACGIH TWA	USA
Cyclohexane	300 ppm	OSHA TWA	USA
Cyclohexane	100 ppm	OEL	Ontario, Canada

Cyclohexane	300 ppm	OEL	Quebec, Canada
Cyclohexane	100 ppm	OEL	Saskatchewan, Canada
Cyclohexane	100 ppm	OEL	British Columbia, Canada
Cyclohexane	300 ppm	OEL	Yukon Territory, Canada

**8.2 Exposure controls**

**Respiratory protection:**

Normal ventilation is adequate. If exposure exceeds recommended limits, respirator protection is recommended. Use a respirator or gas mask with cartridges for organic vapors (NIOSH-approved) or use supplied air equipment.

**Protective gloves:**

For repeated or prolonged skin contact, the use of impermeable gloves is recommended to prevent drying and possible irritation.

- Suggested Material: Nitrile Rubber  
For short term contact (<15 minutes), splashes use 0.2 mm. For full contact use
- Suggested Thickness: 0.4 mm
- Exact break-through time has not been determined. Guidance is based on similar chemistry/material.
- Maximum wearing time should be determined based on 50 % of the penetration time determined by EN 374 part III.

**Eye protection:**

Safety glasses recommended.

**Other protective equipment:**

It is suggested that a source of clean water be available in work area for flushing eyes and skin. Impervious clothing should be worn as needed.



**9. Physical and Chemical**

**9.1 Information of basic physical and chemical properties**

<b>Appearance:</b>	Slightly viscous liquid; mild odor.
<b>Odor threshold:</b>	Not available
<b>pH:</b>	Does not apply
<b>Freezing point:</b>	Not available
<b>Boiling point:</b>	144°F / 62°C (initial)
<b>Flash point:</b>	<20°F / -6°C (TCC)
<b>Evaporation rate:</b>	>2 (n-butyl acetate = 1)
<b>Flammability (solid, gas):</b>	Not applicable to liquids
<b>Flammability limits:</b>	<b>LEL:</b> 1.2%
<b>Vapor pressure:</b>	Not available
<b>Vapor density (Air = 1):</b>	>1(Air = 1)
<b>Specific gravity (H<sub>2</sub>O = 1):</b>	Not determined
<b>Solubility in water:</b>	Not available
<b>Coefficient of Water/Oil</b>	
<b>Distribution:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity:</b>	Not available

**9.2 Other Information**

Volatiles (Weight %): 100%  
VOC Content: Not determined

**10. Stability and Reactivity**

**10.1 Reactivity:**

See remaining headings in Section 10.

**10.2 Chemical stability:**

Stable

**10.3 Possibility of hazardous reactions:**

None known.

**10.4 Conditions to avoid:**

Avoid heat, flame, and sparks.

**10.5 Incompatible materials :**

Strong oxidizing agents.

**10.6 Hazardous decomposition products:**

Carbon dioxide, carbon monoxide.

**11. Toxicological Information**

**11.1 Information on toxicological effects:**

**Acute toxicity**

**Eye contact:**

Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.

**Skin contact:**

Prolonged or repeated skin exposure can remove oils, causing redness, drying and cracking. Persons with pre-existing skin disorders may be more susceptible to skin irritation from this material.

**Irritation and Sensitization Potential:**

Product may be irritating to skin and eyes. It is not a sensitizer.

**Inhalation (Breathing):**

Concentrated solvent vapors may cause irritation of the nose and throat. prolonged exposure to excessively high vapor concentrations can result in central nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue).

**Ingestion:**

May be harmful if swallowed. Ingestion of large quantities may cause irritation of the digestive tract, nervous system depression (e.g., drowsiness, dizziness, loss of coordination, and fatigue).

**Toxicity to Animals:**

Low boiling point naphtha	LD <sub>50</sub> (oral rat) >5,000 mg/kg
	LD <sub>50</sub> (dermal rabbit) >2,000 mg/kg
	Rabbit 4 hr. exposure: Irritating to skin, irritating to eyes
Cyclohexane	LD <sub>50</sub> (oral rat) 6,200 mg/kg
	LD <sub>50</sub> (dermal rat) >2,000 mg/kg
	LC <sub>50</sub> (inhl rat, 4 hrs.) 32.9 mg/l
	Rabbit: Mild irritant

**Chronic Exposure:**

**Reproductive Toxicity:** No data available.

**Mutagenicity:** No data available

**Teratogenicity:** No data available

**Specific Target Organ Toxicity (STOT)** No end point data.

**Toxicologically Synergistic**

**Products:** Not available.

**Carcinogenic Status:**

- IARC** No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.
- OSHA** No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- NTP** No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**12. Ecological Information**

**12.1 Ecotoxicity:**

**Aquatic Toxicity:**

Low boiling point naphtha	96 h LC <sub>50</sub> Oncorhynchus mykiss (Rainbow Trout) 8.2 mg/l
	48 h EC <sub>50</sub> Daphnia magna (water flea) 4.5 mg/l
	96 h EC <sub>50</sub> Pseudokirchneriella subcapitata (green algae) 3.7 mg/l

**12.2 Persistence and degradability:**

Low boiling point naphtha Expected to be biodegradable  
77% biodegradable, 28 d exposure time, method: OECD 301E

**12.3 Bioaccumulation potential:**

No information available

**12.4 Mobility in soil:**

No information available

**12.5 Results of PBT and vPvB**

**Assessment:**

This product is not, nor does it contain a substance that is a PBT or vPvB.

**12.6 Other adverse effects:**

None known.

**13. Disposal Considerations**

Product is ignitable waste. Dispose of product in accordance with National and Local Regulations.

**14. Transport Information**

**US DOT Domestic Ground**

**Transportation:**

Not Regulated (See Special Provision 47).

**UN Number:**

3175

**UN Proper shipping name:**

Solids Containing Flammable Liquid, N.O.S., (Contains: Low boiling point naphtha)

**Transport hazard class(es):**

Class 4.1

**Packing group:**

II

**Environmental hazards:**

None known

**Special precautions:**

None known

**ICAO/IATA-DGR:**

Not Regulated (See Special Provision A46)

**IMDG:**

Not Regulated (See Special Provision 216)

**15. Regulatory Information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**USA Federal and State**

All components are listed on the TSCA inventory.

**Hazard Categories for SARA  
Section 311/312 Reporting**

Acute  
Yes

Chronic  
Yes

Fire  
Yes

Pressure  
No

Reactive  
No

<u>Components</u>	<u>CERCLA/SARA Sec 302</u>		<u>SARA Sec. 313</u>
	<u>Hazardous Substance RQ</u>	<u>EHS TPQ</u>	<u>Toxic Release</u>
Cyclohexane (<10%)	No	No	Yes
Components are not affected by these Superfund regulations.			

**NFPA Ratings:**

Health:	2
Fire:	3
Reactivity:	0

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel during spill, fire or similar emergencies. Hazard ratings are based on physical and toxic properties of combustion or decomposition.

**California Proposition 65**

WARNING: This product can expose you to benzene, ethylbenzene, and naphthalene which are known to the state of California to cause cancer, and toluene and benzene which are known to the State of California to cause birth defects and/or other reproductive harm. For more information, go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

**European Union**

Product complies with the communication requirements of REACH Regulation (EC) No. 1907/2006. All components are listed on the European Inventory of Existing Chemical Substances (EINECS). Contains no substance on the REACH candidate list ≥ 0.1% SCL. Does not contain notified substances from the ELINCS List, Directive 92/32/EEC. Contains no REACH substances with Annex XVII restrictions.

**Canada**

All components are listed on the DSL inventory.

**Australia**

All components are listed on the AICS.  
Hazardous according to criteria of NOHSC Australia.

**15.2 Chemical Safety Assessment**

No chemical safety assessment has been carried out for the mixture by the supplier

<b>16. Other Information</b>
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**Abbreviations and acronyms:**

- OSHA = Occupational Safety and Health Administration
- CLP = Classification, Labeling and Packaging Regulation
- STOT = Specific Target Organ Toxicity
- LD<sub>50</sub> = Median Lethal Dose
- DNEL = Derived No Effect Level
- ACGIH = American Conference of Governmental Industrial Hygienists
- TSCA = Toxic Substances Control Act (USA)
- DSL = Domestic Substances List (Canada)
- AICS = Australian Inventory of Chemical Substances

**Revision Date:**

**Revision Number:** 4 NA

**Supersedes:** September 20, 2018

**Other:** Not Applicable

**Indication of Changes:** Section 8.2: Revised PPE information.

Written in accordance with the provisions of OSHA 1910.1200 App D (2012) and Canada HPR (SOR/2015-17) (WHMIS 2015). (GHS format)  
Reviewed in accordance with the provisions of OSHA 29 CFR 1910.1200 (2012) and Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015).

The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.